

St. Mary's Orthodox School

Session- 2022-2023

Summer Holiday Homework

Class- IX

*"The roots of education are bitter, but fruit is sweet"*

SUBJECTS	HOLIDAY HOMEWORK
Mathematics	*Do the Chapter Test of chapter no. 3&4 in your notebook *Write & Learn all formulae of chapter Expansions
History/Civics	<b>*Make a project file on the topics given below[Choose any two topics]:-</b> 1.Definition,Features,Adoption,Enforcement of Constitution Or Fundamental Rights ,Fundamental Duties &Directive Principles of State Policy  2.Sources to reconstruct &Administration of Mauryan Age or Harappan Civilization <b>*Note:-Related Images to be pasted</b>
Geography	*Make a project file on the topics given below:- 1. Draw a labelled diagram showing Rock Cycle with its explanation. 2. Draw a diagram of the changing seasons and explain the following:- Rotation, Revolution ,Solstices and Equinoxes 3. Natural Regions of the world. <b>Note: Related images to be pasted.</b>
Commercial Studies	Prepare a file on any one topic mentioned below.  1. Study the business enterprises in the local city and classify them into industrial and commercial categories.  2. Survey the Origin and growth of a sole proprietorship in the city.  3. To study the various types of bank accounts.
Environmental Science	Prepare a file on any one topic mentioned below.  1. Living Things In ecosystems 2. Energy Flow In Ecosystems 3. Water Resources 4. Atmosphere and Climate  Prepare a project file on any one of the topics mentioned above, according to the

	<p>guidelines given below.</p> <p>(Plastic file and cobra file not accepted)</p> <ul style="list-style-type: none"> <li>● On the cover page&lt; there should be written” Environmental science Project File” and your name.</li> <li>● *These following details should be mentioned on introduction page (First page)</li> <li>● Scholar’s Name</li> <li>● School name</li> <li>● Class IX Section_____</li> <li>● Roll No.</li> <li>● Submitted to_____</li> <li>● Date of submission_____</li> </ul> <p>*Topic name should be in bold letter with black pen.</p> <p>*Then preface, acknowledgement and index(content)</p>
<p style="text-align: center;"><b>Biology</b></p>	<p>Prepare a file on any one topic mentioned below.</p> <ol style="list-style-type: none"> <li>1. Cell: The unit of life</li> <li>2. Tissues: Plant and animal tissues</li> <li>3. Structure and functions of a bisexual flower with its pollination and fertilization</li> <li>4. Seed structure and germination</li> <li>5. Respiration in plants</li> <li>6. Economic importance of Bacteria and fungi</li> <li>7. Nutrition</li> <li>8. Diseases: Cause and control</li> </ol> <p>Prepare a project file on any one of the topics mentioned above, according to the guidelines given below.</p> <p>(Plastic file and cobra file not accepted)</p> <ul style="list-style-type: none"> <li>● On the cover page&lt; there should be written” Biology Project File” and your name.</li> <li>● *These following details should be mentioned on introduction page (First page)</li> <li>● Scholar’s Name</li> <li>● School name</li> <li>● Class IX Section_____</li> <li>● Roll No.</li> <li>● Submitted to_____</li> <li>● Date of submission_____</li> </ul> <p>*Topic name should be in bold letter with black pen.</p> <p>*Then preface, acknowledgement and index(content)</p>

<b>Drawing &amp; Painting</b>	Make a project file on Tie and Die
<b>Computer Applications</b>	Do section 3: Assignment questions (all the questions) of Chapter 2: Introduction to Java in your class register.
<b>Physical Education</b>	<p><b>Topics:-</b></p> <p>Cricket Football Volleyball Hockey Basketball Badminton</p> <p>Prepare a file on any <b>two</b> topics mentioned above according to the guidelines as follows: (Please don't mention holiday homework on file) Prepare Project file (Plastic file not accepted) First there should be your introduction: Scholar's Name: School Name: Session : 2022-2023 Class: Section: Roll No. : Submitted to : Date of Submission :</p> <p>Topic name in <b><i>bold letters</i></b> (in a separate page). Then preface, later acknowledgement and Index (Content). Then you will start your project. <b>Each game should consist at least 20 pages.</b> The explanation must contain <b><i>knowledge of the game, Rules of the game, Fundamental skills and techniques, Associated terminology, National and International governing bodies, National and International tournaments</i></b> You can take help from text book, any reference book and internet. Pictures are also to be pasted for the relevant topics and you can draw few of them, but it should be properly visible.</p>
<b>Physics</b>	Make a project file from any one chapter from book. And do numericals of chapter 1 and 2 in note book
<b>Chemistry</b>	1-Prepare a project File from any topic. 2-Do the back exercise of chapter -1 in notebook.
<b>Economics</b>	Prepare a file on any one topic mentioned below. 1. A case study on the effects of Industrial Pollution 2. Conduct a research on any industry and study how the output has been impacted post liberalisation and globalisation.

**Hindi****परियोजना कार्य (फाइल बनाएँ)**

1. निबंध:

'मेरी अविस्मरणीय यात्रा'

**अथवा**

'वर्तमान युग में इंटरनेट की उपयोगिता'

2. चित्र वर्णन:

'बाल मजदूरी'

**अथवा**

'वृक्षारोपण'

**गद्य भाग :**

3. लेखक परिचय: सुदर्शन

4. बात अठन्नी की: कहानी का सारांश

5. बात अठन्नी की: कहानी का संदेश

**पद्य भाग :**

6. कवि परिचय: सर्वेश्वर दयाल सक्सेना

7- मेघ आए: कविता की व्याख्या

8- मेघ आए: कविता का संदेश

**फाईल बनाने का प्रारूप -**

1. हिन्दी परियोजना कार्य की फाइल तैयार करें।

2. जो विषय क्रम आपको दिया गया है कार्य उसी क्रम में करें।

**3. कवर पेज**

क- विद्यालय का नाम

ख- हिन्दी परियोजना कार्य

ग- सत्र: 2022-2023

4. क- नाम

ख- कक्षा विभाग

ग- विषय

घ- अनुक्रमांक

ङ- निर्देशिका: मीनू तुलस्यान

5. विषय सूची

क्रम संख्या	विषय	हस्ताक्षर

6. विषय सूची के बाद कार्य लिखना आरंभ करें।

7. प्रत्येक कार्य नए पृष्ठ से आरंभ होगा

8. पेज के सिर्फ दाँए तरफ लिखें।

पेज के बाँए तरफ चित्र लगाएँ।

**English Language****1. Topics:**

- Give a vivid description of a member of your family or a friend. ( You may include a description of what a person looks like, the person's interests and ability, habits and behavior and what you feel about him or her.
- How has your outlook towards life changed in the last five years?
- Describe how a change proposed by you would improve the life of a student.
- Explain how you would do one of the following.
  - \*Prepare a vegetarian meal
  - \*Prepare any Chinese or south Indian dish

- e) Narrate the thrill of an unexpected experience in your life stating how the experience has become a memorable incident in your life.

**Prepare a file on any two of the topics mentioned above, according to the guidelines given below.**

\*Write any two compositions in a Project file.

(Plastic file and cobra file not accepted)

\*Project file should be decently covered in blue colour. On the cover page, there should be written,

**“English Language Project File” and your name and class**

\*These following details should be mentioned **On introduction page** (first page)

Scholar’s name:.....

School name:.....

Session : 2021-2022

Class: X Section: ..... Roll No....

Submitted to :..... Date of Submission: .....

\*Topic name should be in bold letters, with black pen.

\*Then preface, later acknowledgement and Index (Content)

\*Then pour down your ideas on these topics in about 300-350 words each.

\*Work should be spick and span.

**2.** Solve specimen papers no. 2, 3, 4, 5&6 (only functional grammar portion) question no. 5 in your book only.

**3 a.** Write a letter to your friend congratulating him/her on his/her success in a competition.

**b.** You are the sports captain. Write a notice for the school notice board, inviting students to submit their names for the Inter-school Basket ball Tournament.

**Note:**

**Point no.1, prepare a file (Project work )**

**Point no.2. solve in book only.(New Total English)**

**Point no.3 (a & b) solve in your notebook.**

English Literature	<p><b>1. Three assignments of approximately 300-400 words. Three topics out of given topics: (total 1200 words at least)</b></p> <p><b>a) Analysis of a character from text.</b>  <b>Example: Analyze the character of Antonio/Bassanio /Portia from story of your syllabus (You can take the character sketch of old man in the story 'Old man at the bridge').</b></p> <p><b>b) Summary/paraphrase of the chosen text.</b>  <b>* Prepare a file for three assignments according to the guidelines.</b>  <b>(Plastic file and cobra file not accepted)</b>  <b>*Project file should be decently covered in yellow colour. On the cover page, there should be written,</b>  <b>"English Literature Project File" and your name and class below in the right corner of the file.</b>  <b>*These following details should be mentioned on introduction page (first page)</b>  <b>Scholar's name:.....</b>  <b>School name:.....</b>  <b>Session : 2021-2022</b>  <b>Class: IX Section: .....</b>  <b>Roll No....</b>  <b>Submitted to :.....</b>  <b>Date of Submission: .....</b>  <b>*Topic name should be in bold letters, with black pen.</b>  <b>*Then preface, later acknowledgement and Index (Content) and your three assignments of 300-400 words each.</b></p> <p><b>2 Please don't mention holiday homework on file. *There should be introduction page.</b>  <b>Scholar's Name:.... School Name: .... Roll No..... Submitted to :..... Date of Submission:.....</b>  <b>*Topic name in acknowledgement and Index (Content)</b>  <b>*Then you will start your content.</b>  <b>*Points to be remembered: Project file must be in tidy condition and three topics to be done. Example:- Story: Old man at the bridge and Poem: The Cold Within</b>  <b>* Prepare your project work very carefully and no grammatical mistakes should be occurred. No scribbling to be done.</b>  <b>*Prepare and revise chapters from the notes/pdf given. Practice textbook. Solve workbook extracts in workbook only. (Old man at the bridge and Cold within)</b></p>
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